Attorney Docket No. 03558/LH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. HAYASHI et al

Serial No. : Not yet known

Filed : Herewith

For : PRINTER AND

> COMMODITY INFOR-MATION PROCESSING

APPARATUS

Art Unit

Examiner

Express Mail Mailing Label No.: EL 983 138 137 US

Date of Deposit: September 11, 2003

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Asst. Commissioner for Patents Washington, D.C. 20231

Mani

Barbara Villani

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper.to Account

No. 06-1378.

INFORMATION DISCLOSURE STATEMENT

Asst. Commissioner for Patents Washington, D.C. 20231

SIR:

Submitted herewith is an English language Abstract of the Japanese publication identified on the attached Patent Office form PTO/SB/08A.

It is respectfully requested that this publication be considered and made of record.

Respectfully submitted,

Douglas Holtz Reg. No. 33,902

Frishauf, Holtz, Goodman & Chick, P.C.

767 Third Avenue - 25th Floor New York, New York 10017-2023

Tel. No. (212) 319-4900 Fax No. (212) 319-5101

LH:bv

Plea	ase type	a plus	s sign (+)	inside this	box →	+ U.S. Patent and Tradema	ark Office		3/08A (08-0	
Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number					
					Filing	Date	Herewith			
					First N	amed Inventor	HAYASHI			
					Group A	rt Unit				
					Examiner Name					
Sheet 1 of 1				1	Attorne	y Docket Number	03558/LH			
	<u> </u>			Ū	.S. PAT	ENT DOCUMENTS				
Exam. Inits*	Cite No ¹	Docume	Document Number			Name of Patentee or Applicant	1	ication Date	Relevant Portion	
				FOR	REIGN P	ATENT DOCUMENTS				
Exam Inits	Cite No ¹	Offc Document Number		Kind Code ⁵			ublication ce mm-DD-YYYY	Relevant Portion	T ⁶	
		JP 10-337920			Hosomi	12-2	22-1998		x*	
	*English abstract				;					
Evon-i-	<u></u>	<u> </u>				Date				<u></u>
Examir Signat	cure		r reference considered, whether or not citation i			Considered	Draw line thi	cough citation if	not in contem	nance and
not conside	red. Inc.	lude copy	of this form	with next commun:	ication to app	olicant. cs. 3 Enter Office that issued t				

DATE MAILED: September 11, 2003

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.